the witness shall briefly state the scientific or technical training which qualifies him as an expert;

- (3) Identify the direct testimony previously submitted in accordance with these regulations; and
- (4) Submit to appropriate cross- and direct-examination. Cross-examination shall be by a party whose interests are adverse on the issue presented to the witness if the witness is a party, or to the interests of the party who presented the witness.
- (c) A party shall be deemed to have waived the right to introduce directtestimony if such party fails to present a witness to introduce the direct-testimony.
- (d) Official notice may be taken of such matters as are judicially noticed by the courts of the United States. Parties shall be given adequate notice, by the presiding officer, at the hearing, of matters so noticed and shall be given adequate opportunity to show that such facts are inaccurate or are erroneously noticed.

§18.88 Cross-examination.

- (a) The presiding officer may:
- (1) Require the cross-examiner to outline the intended scope of the examination; and
- (2) Exclude cross-examination questions that are immaterial, irrelevant or unduly repetitious.
- (b) Any party shall be given an opportunity to appear, either in person or through an authorized counsel or representative, to cross-examine witnesses. Before cross-examining a witness, the party or counsel shall state his name, address and occupation. If counsel cross-examines the witness, counsel shall state for the record the authority to act as counsel. Cross-examiners shall be assumed to be familiar with the direct testimony.
- (c) Any party or party's counsel who fails to appear at the hearing to cross-examine an "adverse" witness shall be deemed to have waived the right to cross-examine that witness.
- (d) Scientific, technical or commercial publications may only be utilized for the limited purposes of impeaching witnesses under cross-examination unless previously submitted and intro-

duced in accordance with these regulations.

§18.89 Oral and written arguments.

- (a) The presiding officer may, in his discretion, provide for oral argument by parties at the end of the hearing. Such argument, when permitted, may be limited by the presiding officer to the extent necessary for the expeditious disposition of the proceeding.
- (b) The presiding officer shall announce at the hearing a reasonable period of time within which any party may file with the presiding officer proposed findings and conclusions and written arguments or briefs, which are based upon the record and citing where practicable the relevant page or pages of the transcript. If a party filing a brief desires the presiding officer to reconsider any objection made by such party to a ruling of the presiding officer, he shall specifically identify such rulings by reference to the pertinent pages of the transcript and shall state his arguments thereon as a part of the brief.
- (c) Oral or written arguments shall be limited to issues arising from direct testimony on the record.

§18.90 Recommended decision, certification of the transcript and submission of comments on the recommended decision.

- (a) Promptly after expiration of the period for receiving written briefs, the presiding officer shall make a recommended decision based on the record and transmit the decision to the Director. The recommended decision shall include:
- (1) A statement containing a description of the history of the proceedings;
- (2) Findings on the issues of fact with the reasons therefor; and
 - (3) Rulings on issues of law.
- (b) The presiding officer shall also transmit to the Director the transcript of the hearing, the original and all copies of the direct testimony, and written comments. The presiding officer shall attach to the original transcript of the hearing a certificate stating that to the best of his knowledge and belief the transcript is a true transcript of the testimony given at the hearing except in such particulars as are specified.